

XP-002232676

AN - 1999-512410 [43]
AP - JP19980023425 19980204
CPY - OSAG
DC - A97 D22 E31 E32
DR - 1760-U
FS - CPI
IC - A01N25/10 ; A01N25/12 ; A01N59/16 ; A01N59/20 ; A01N59/26
MC - A08-M02 A12-B01 D09-A01 E35
M3 - [01] A424 A940 A960 C710 C730 M411 M417 M781 M903 M904 P220 Q130 Q261
R043; R06944-K R06944-T R06944-U
- [02] A427 C710 C810 M411 M781 M903 M904 P220 Q130 Q261 R043; R07934-K
R07934-T R07934-U
- [03] A429 A940 A960 C710 C730 M411 M417 M781 M903 M904 P220 Q130 Q261
R043; R06206-K R06206-T R06206-U
- [04] A542 C710 C810 M411 M417 M781 M903 M904 P220 Q130 Q261 R043;
R23245-K R23245-T R23245-U
- [05] A542 A940 A960 C710 C730 M411 M417 M781 M903 M904 P220 Q130 Q261
R043; R11553-K R11553-T R11553-U
- [06] A428 A940 A960 A970 C710 C730 M411 M417 M781 M903 M904 P220 Q130
Q261 R043; R11235-K R11235-T R11235-U
- [07] A678 A940 A960 A970 C710 C730 M411 M417 M630 M781 M903 M904 P220
Q130 Q261 R043; R12939-K R12939-T R12939-U
- [08] A547 A940 A960 A970 C710 C730 M411 M417 M781 M903 M904 P220 Q130
Q261 R043; R07373-K R07373-T R07373-U
- [09] A547 A940 C108 C307 C510 C730 C801 C802 C803 C804 C807 M411 M781
M903 M904 M910 P220 Q130 Q261 R043; R01760-K R01760-T R01760-U; 1760-U
- [10] A430 C710 C810 M411 M417 M781 M903 M904 P220 Q130 Q261 R043;
R06421-K R06421-T R06421-U
PA - (OSAG) OSAKA GAS CO LTD
PN - JP11222402 A 19990817 DW199943 A01N25/10 010pp
PR - JP19980023425 19980204
XA - C1999-150135
XIC - A01N-025/10 ; A01N-025/12 ; A01N-059/16 ; A01N-059/20 ; A01N-059/26
AB - JP11222402 Antibacterial polymer particles comprise polymer particles
to which an antibacterial metal component (consisting of a metal ion
or a metal compound) is chemically bonded and supported. The polymer
particles comprise hydrophilic polymer having a hydrophilic unit, a
unit containing one or more atoms selected from O, N and S and
containing a functional group which can be chemically bonded to an
antibacterial metal component, and a crosslinking unit.
- USE - The antibacterial polymer particles are useful for coating agent
etc..
- ADVANTAGE - The antibacterial polymer particles have high affinity to
resins, high dispersibility and high antibacterial activity. They
have good film-forming properties. The activity of the polymer
particles can be shown for a long time and show environment responding
properties due to hydrophilic nature.
- (Dwg.0/0)
CN - R06944-K R06944-T R06944-U R07934-K R07934-T R07934-U R06206-K
R06206-T R06206-U R23245-K R23245-T R23245-U R11553-K R11553-T
R11553-U R11235-K R11235-T R11235-U R12939-K R12939-T R12939-U

R07373-K R07373-T R07373-U R01760-K R01760-T R01760-U R06421-K
R06421-T R06421-U

DRL - 1760-U

IW - ANTIBACTERIAL POLYMER PARTICLE CHEMICAL BOND SUPPORT ANTIBACTERIAL
COMPONENT

IKW - ANTIBACTERIAL POLYMER PARTICLE CHEMICAL BOND SUPPORT ANTIBACTERIAL
COMPONENT

NC - 001

OPD - 1998-02-04

ORD - 1999-08-17

PAW - (OSAG) OSAKA GAS CO LTD

TI - Antibacterial polymer particles - includes chemically bonded and
supported antibacterial component

A01 - [001] 018 ; D01 O- 6A C- 4A D23 D22 D76 D45 F04 ; P0000 ; M9999
M2073 ; L9999 L2391 ; L9999 L2073 ; L9999 L2379-R ; M9999 M2379-R ;
S9999 S1456-R

- [002] 018 ; ND04 ; B9999 B5209 B5185 B4740 ; B9999 B4513 B4466 ;
B9999 B3418-R B3372 ; B9999 B3430 B3372 ; B9999 B3407 B3383 B3372

- [003] 018 ; Ag 1B Tr Pt 8B Cu Zn 2B Ni Co Mo 6B Cr ; H0157

A02 - [001] 018 ; G0237 G0102 G0022 D01 D12 D10 D18 D51 D53 D11 D19 D31 D76
D58 D93 F04 F77 ; R00444 G0453 G0260 G0022 D01 D12 D10 D26 D51 D53
D58 D83 F70 F93 ; R08767 G0817 D01 D11 D10 D12 D26 D51 D54 D57 D58
D87 F70 F94 ; H0033 H0011 ; L9999 L2528 L2506 ; M9999 M2313 ;
L9999 L2313 ; P1741 ; P0088

- [002] 018 ; ND04 ; B9999 B5209 B5185 B4740 ; B9999 B4513 B4466 ;
B9999 B3418-R B3372 ; B9999 B3430 B3372 ; B9999 B3407 B3383 B3372 ;
N9999 N6882 N6655 ; N9999 N6677 N6655 ; B9999 B4262 B4240

- [003] 018 ; D00 N- 5A O- 6A Ag 1B Tr ; H0226

- [004] 018 ; Ag 1B Tr ; H0157

- [005] 018 ; R00426 D01 D11 D10 D50 D88 F12 F13 ; C999 C293 ; C999
C088-R C000